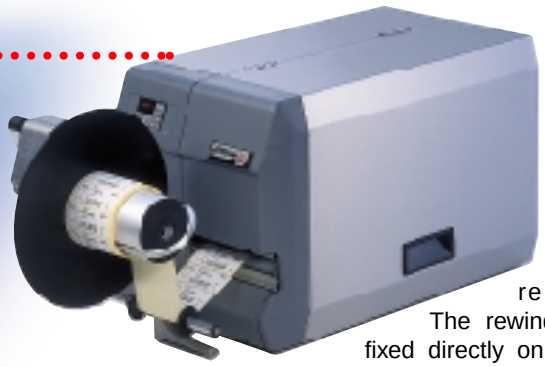
Bar code controller: the scanner unit

The last thing you want is an unreadable bar code - that's why Avery Dennison offers an optional scanner to check bar code readability. The scanner can be used as "Read after print", scanning after the label is printed and showing an error message if the code is not readable. Or, in combination with the infeed unit, it can work in "Read before print" mode. Here the tag is fed into the printer, the bar code data read and sent back to the processor. The printer receives the relevant variable data and imprints the tag.

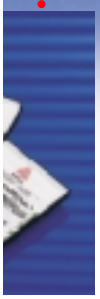
Big Spender.

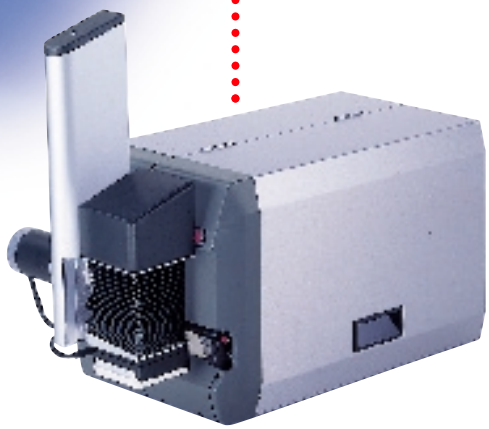
The TTX dispenser with 1:1 output. Exceptionally easy to use. Label dispensing can be started by means of a light sensor or via an optional foot switch. Flexible as it is, it can process the most varied selfadhesive materials and label sizes. Additionally, an applicator can be mounted on the dispenser to attach the labels directly to the goods.



Convenient Rewind: the rewinder unit .

The rewind unit can be fixed directly on to the printer and makes rewinding of imprinted labels quick and easy. A 4" (or optional 3" or 1,5") core is available and the display controls rewind direction right of left.





The Applicator.

The applicator makes it easy to apply labels quickly and accurately. It applies labels directly on your products after printing, without the need for compressed air. It automatically adjusts itself to different product or package heights.

Performance specifications of the TTX 450 / TTX 650 / TTX 950 / TTX 1050	
Printing technology	Thermal and thermal transfer printer
Printing head	Latest printing head technology in the form of a high-resolution, fast „Near Edge Type“ printing head with integrated temperature control Resolution: 12 dots/mm
Material reserve	Roll with max. outer diameter 210 mm, internal diameter 4“,3“ and 1,5“ Processing of fan-fold material possible
Emulation	EASY-PLUG
Interfaces	Standard serial and parallel (Centronics); option RS 485
Plug-in cards	2 slots each with 2 MB
Automatic ribbon-saver	From approx. 10 mm print-free area
Cutter	Optional, high-performance, silent cutter Double cutting device from 1 to 5 mm
Material qualities	Self-adhesive, cardboard and synthetics up to 240 g/m² (TTX 1050 up to 160 g/m²)
Punch recognition	Self-initialising transmitted light sensor, adjustable between 2 -15 mm, optional reflex light sensor
Fonts	17 fonts, 2 additional scaleable fonts All fonts can be enlarged and tilted at 90°, 180° and 270°
Character modification	Enlargement in X/Y direction up to factor 8, rotation by 90°, 180° or 270°
Bar Codes	EAN 8 and 13 with add-on 2 and 5 UPC-A, UPC-E, Code 39, Code 93, Code ITF, Codabar, Code 128, Code 2/5M, Code 2/5I, Code 2/5 bar, Code MSI, Code EAN 128, UPS Code 128, Post Code, Option: PDF 417, Data Matrix
Operation	3-key control panel with 4-digit display

	TTX 450	TTX 650	TTX 950	TTX 1050
Printing width	106,6 mm	127,85 mm	159,94 mm	213 mm
Material width	25,4 – 113 mm	25,4 – 154,0 mm	30,2 – 185 mm	100 – 254 mm
Printing speed	100 – 300 mm/sec	100 – 300 mm/sec	100 – 250 mm/sec	100 – 200 mm/sec
Dimensions W x H x D	310 x 305 x 480 mm	350 x 305 x 480 mm	380 x 305 x 480 mm	478 x 305 x 480 mm

The TTX –
a clean hit with many advantages:

- As fast as an arrow
  printing speed up to 300 mm/sec
- Outstanding quality print
  Near Edge printing head with 12 dots/mm resolution
- Compatible
  fits with your EDP system
- automatic ribbon-saver
  reduces costs
- robust and reliable
  solid steel casing, sturdy mechanics
- ribbon reserve 600 m
  minimises set-up times

TÜV PRODUCT SERVICE
Safety tested
Quality system certified to DIN EN ISO 9001

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AVERY DENNISON

TTX 450
TTX 650
TTX 950
TTX 1050

When you´re
aiming for
a clean hit
with your
labels.

AVERY DENNISON

A clean hit in every way

TTX 450
TTX 650
TTX 950
TTX 1050

The revolution in label printing is robust, reliable – and enormously efficient. Forget everything you´ve known up to now regarding the quality, precision, speed and reliability of label printing! The TTX from Avery Dennison opens up undreamed-of possibilities.
And is as fast as an arrow. Benefit from an output rate with record-breaking potential, namely speeds of up to 300 mm/sec., as well as constant excellence of printing quality.
With its automatic ribbon-saver which „intervenes“ in the case of unprinted areas of just 10 mm upwards, the TTX from Avery Dennison produces results which delight, i.e. ribbon-saving without loss of speed!
And on a long-term basis too. The TTX is the printer with a long life and high- precision imprints. Reliable and robust due to its fully-closed steel casing and sturdy mechanics. It can consequently even be utilised under more arduous industrial conditions.
Of course the environmental aspect has also been considered in this conscientious concept. As a result, the TTX has been designed from the very start with type-sorted recycling in mind.

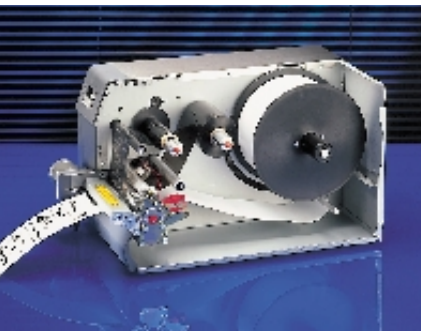
At the start: a sprinter. On the flat: a long-distance runner.
Your insurance against long stoppages. Ribbon and label material can be changed in no time at all. Insertion as far as the feed facility is manual; from there, intake and output via the printing module are controlled semi-automatically.
The advantages of the TTX are at your entire disposal virtually from the very beginning. Everyone can operate it perfectly in the very shortest time.
Fast, but long-lasting. The immense reserve of 600 m of ribbon minimises setting-up times significantly.

Simply the right setting.
Via the control panel all printing parameters can be set with great ease. And in the event of any disorder, the display indicates the most important information for speedy correction.

Masterminded by an ingenious head.
The new Near Edge printing head. The clever solution for faster printing, longer life-span, improved print and wider selection of materials.

Keen on attractive results.
The automatic cutter is a useful accessory in the TTX family. A clean and sharp cut, label for label. And with the double cutting function, removing punches from the labels is child's play – and the results are more than just presentable.

The TTX and your EDP: harmony at the press of a button.
The printer can be connected directly and controlled via Avery Dennison´s EASY-PLUG emulation. Alternatively, labels can be designed and printed with the user-friendly Avery Dennison software-JETMARK.



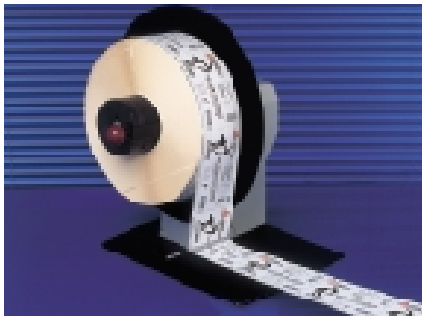
Plenty of scope.
It processes labels from 25.4 mm to 254 mm wide. The printing width measures 106.6 mm, 127.85 mm, 159.94 mm or 213 mm, whereby the position of the printing head and the roll of ribbon can be varied over the labels. To avoid wasted ribbon, the ribbon width can be adjusted according to the imprint width.
The printer processes material weighing up to 240g/m², e.g. card, self-adhesive material or synthetics for industry, trade and textiles. Whether adhesive despatch labels, general-purpose tags, price tags, pro-duction labels or fan-fold labels, the TTX from Avery Dennison stands for the most excellent results.

Avery Dennison - your Partner in Labelling.
As the label experts we offer you more than just excellence in printer technology. We are a one - stop supplier for your labels and printer consumables too. Labels can be supplied in self adhesive form, in card and textiles, in standard and special materials, in different formats and colours, with special perforations. We also offer thermal transfer foils in different qualities. In short a total solution to your printer, label and consumable needs.

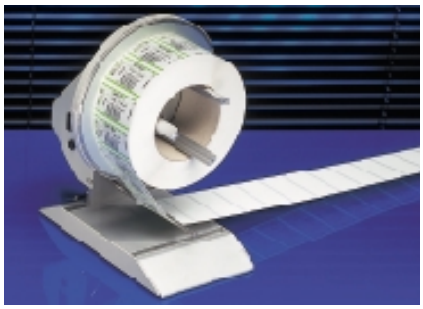
A good hand for you.
Company logos, fonts or special graphics can be stored on memory cards and can be printed via Easy Plug, Jetmark or MVT III.

Exellent all-round design.
Irrespective of whether types or logos are involved, the qualitatively outstanding print will convince you.
As will the clear and easily legible bar codes, made possible by the printing head´s high resolution of 12 dots/mm.
Let your creativity run free as never before. The variety of types offered by the printer opens up a huge range of design possibilities.

Plug-in cards for special fonts or logos guarantee almost unlimited design possibilities, e.g. the memory card for rating plate symbols



Ideal for large rolls.
The jumbo unwinder and rewinder are ideal for environments where large quantities of labels are used e.g. industrial applications. Suitable for outer diameter rolls up to 400 mm changeover times can be dramatically reduced by using these accessories.



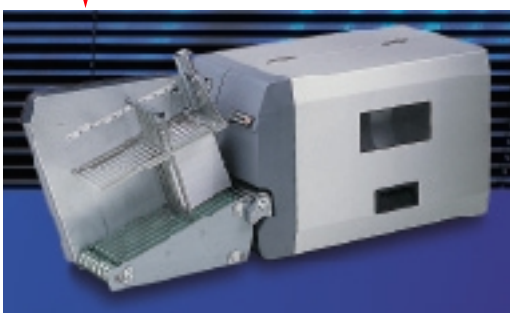
The right trick for lower costs.
The Junior Rewinder helps save costs on more simple applications. Small and light, it handles rolls of labels with an outer diameter of up to 203 mm and a weight of 2.5 kg. The width of the rolls can vary from 19.2 to 152 mm. The Junior is strikingly easy to use and progressively adjustable for core sizes from 1“ to 4“.

Designed to meet your needs

The TTX printer family offers a versatile, flexible solution to your tag and label printing needs. Upgrading is easy and modules can be exchanged to make your TTX printer work for you effectively and economically.

New Generation Label Dispenser.
The future in label dispensers is Label Maxx C with Easy Load. No complicated set up is involved - simply plug in, load the labels and Label Maxx is ready to go. It can handle labels from 22 mm to 152 mm width, both rectangular and round. Even transparent labels.
Rolls that don’t fit the core? No problem with Label Maxx with its adjustable 1 “ - 4 “ core. And the Easy Load feature makes changing rolls quick and easy.

Cutter/Stacker for optimum labelling efficiency.
The cutter/stacker aids convenience and enhances efficiency. Labels or tags can be accurately cut into singles and neatly stacked, automatically.



Impressive performance: the infeed unit.
Single labels can be printed rapidly at speeds of up to 200 mm/sec. Just set up the print parameters on the display and feed the label in. Tags can be fed in for printing even if they are already attached to a garment. The ideal solution for goods that are already labelled.